$|T6| P(8) = \begin{cases} \frac{6-1}{x^6}, & \lambda \ge 1 \\ 0, & \chi < 1 \end{cases}$ a) $L(x_{n}, \theta) = \prod_{i=1}^{n} (\theta_{-i}) = (\theta_{-i})^{n} \prod_{i=1}^{n} (\frac{1}{x_{i}\theta}); \quad sup-?$ bn b(x, 6) = nen(6-1) - 0 = lax; $\frac{2 \ln (2 \langle x_n, \theta \rangle)}{10 \theta} = \frac{n}{\theta - 1} - \frac{n}{2 \ln x_i} = 0, \quad \frac{\partial}{\partial x_i} = 1$ $\frac{2 \ln 2 \ln (x_n, \theta)}{(2 \ln x_i)} = -\frac{n}{(6 - 1)^n} < 0 =) \quad \text{Sup}^{\frac{1}{2}}$ $\frac{2 \ln 2 \ln (x_n, \theta)}{(2 \ln x_i)} = -\frac{n}{(6 - 1)^n} < 0 =) \quad \text{Sup}^{\frac{1}{2}}$ $\int \int f(x)d(x) = \frac{1}{2} \int \frac{\partial f}{\partial x} dx = \frac{\partial f}{\partial x} dx = \frac{1}{2} \int \frac{\partial$ $\frac{(\partial - 1)}{-\theta + 1} \cdot \frac{\rho}{\chi} = \frac{1}{2} \cdot \frac{1}{1} - \chi \cdot \frac{1 - \rho}{1} = \frac{1}{2}$ $-x^{1-6}+1=\frac{1}{2}$; $x^{1-6}=\frac{1}{2}$ $x^{6-1}=\frac{1}{2}$ med(6)= 2 0-1 OM 17 . Pergrapa un rogeró? 1) $p(x,\theta)$ - heap, gappy not rea E2) $\int_{0}^{\infty} \frac{\partial}{\partial x} \frac{\partial}{\partial x} dx = \int_{0}^{\infty} \frac{\partial}{\partial x} \frac{\partial}{\partial x} \frac{\partial}{\partial x} dx$ - 0 + 1 + 0 -1 = 0 => nepertamborno

 $\ln p(x,6) = \ln (\theta - 1) - \theta \ln x \qquad \frac{\partial \ln p(x,6)}{\partial \theta} = \frac{1}{\theta} - \ln x$ $= \frac{126}{\theta} = \frac{126}{\theta} = \frac{1}{\theta} = \frac{1}{\theta}$ $I(0) = \int_{0}^{\infty} \left(\frac{1}{\theta - 1} - \ln x\right)^{2} \frac{\theta - 1}{x^{0}} dx = \int_{0}^{\infty} \left(\frac{1}{\theta - 1}\right)^{2} \frac{1}{x^{0}} dx = \int_{0}^$ + (0-1) ln 2 x /d x = (0-1)2 - henp. ka H

[0-1) ln 2 x /d x = (0-1)2 - henp. ka H

I(0) x0 ma El => Hogens per yrannas $\int_{0}^{\infty} \frac{f(\delta) - f(0)}{G(0)} \sim N(0, 1) \qquad G = \sqrt{\nabla^{T} f(0)} I(0) \sqrt{f(0)}$ $J f(\delta) = med \theta \Rightarrow \nabla f(0) = 2 \frac{\delta}{2} \ln 2 \left(-\frac{1}{(0 - D^{2})} \right)$ $C = \sqrt{2^{\frac{1}{6}-1} l_{1} 2 (6-1)^{2}} \cdot (6-1)^{2} = \frac{2^{\frac{1}{6}-1} l_{1} 2}{6-1}$ $\sqrt{n} = \frac{2^{\frac{1}{6}-1} l_{1} 2}{2^{\frac{1}{6}-1} l_{1} 2} = \sqrt{n} \sqrt{n} \sqrt{n} \sqrt{n}$ $\frac{2^{\frac{1}{6}-1} l_{1} 2}{6-1} = \sqrt{n} \sqrt{n} \sqrt{n} \sqrt{n}$ 2 5-1 - 2 5-1 - Caz tz < x < 2 5-1 - (3-1) VN tz < x < 2 5-Acurator. gobepur. unsquar t1 = N1-3 agra belguant t2 = MHB

